Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing execution infomation containing execution states of hardware devices in respective tasks;

a request receiving means for receiving at least one request of a power-supply ON request and a power-supply OFF request to the hardware devices; and

a power-supply switching/controlling means for controlling process execution of the request based on the execution information, and not-performing the process execution of the power-supply ON request or the power-supply OFF request when other task is using the hardware devices if at least one task issues at least one of the power-supply ON request and the power-supply OFF request to at least one hardware device.

Claim 2 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing power-saving mode information of hardware devices in respective tasks;

a request receiving means for receiving a power-saving mode switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the power-saving mode information, and setting a power-saving mode based on the power-saving mode information of a switched task when the task is switched.

Claim 3 (withdrawn): An operating system according to claim 2, wherein the power-saving mode switching/controlling means can set/change the power-saving mode based on the power-saving mode information during the execution of the task.

Claim 4 (withdrawn): An operating system according to claim 2 or 3, further comprising a priority comparing means for comparing execution priorities of the tasks or priorities of the power-saving mode information, and

wherein the power-saving mode switching/controlling means sets/changes the power-saving mode based on a compared result of the priorities during the execution of the task.

Claim 5 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing power-saving mode information of hardware devices in respective tasks and power-savings mode information of a concerned operating system itself;

a request receiving means for receiving a power-saving mode switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the power-saving mode information, and setting/changing a power-saving mode by comparing the power-saving mode information of the task with the power-saving mode information of the operating system itself.

Claim 6 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing power-saving mode information of hardware devices in respective tasks and power-saving mode information of a concerned operating system itself;

a request receiving means for receiving a power-saving mode switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the power-saving mode information, and setting/changing a power-saving mode by comparing the power-saving mode information of a switched task with the power-saving mode information of the operating system itself when the task is switched.

Claim 7 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing periodic-timer information of hardware devices in respective tasks;

a request receiving means for receiving a periodic-timer switching request; and

a periodic-timer switching/controlling means for controlling process execution of the request based on the periodic-timer information, and setting a periodic-timer based on the periodic-timer information of a switched when the task is switched.

Claim 8 (withdrawn): An operating system according to claim 7, wherein the periodic-timer switching/controlling means can set/change the periodic-timer based on the periodic-timer information during th execution of the task.

Claim 9 (withdrawn): An operating system according to claim 7 or 8, further comprising a priority comparing means for comparing execution priorities of the tasks or priorities of the periodic-timer information, and

wherein the periodic-timer switching/controlling means sets/changes the periodic-timer based on a compared result of the priorities during the execution of the task.

Claim 10 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing periodic-timer information of hardware devices in respective tasks and periodic-timer

information of a concerned operating system itself;

a request receiving means for receiving a periodic-timer switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the periodic-timer information, and setting/changing a periodic-timer by comparing the periodic-timer information of the task with the periodic-timer information of the operating system itself.

Claim 11 (withdrawn): An operating system for managing a plurality of tasks, comprising:

a storing means for storing periodic-timer information of hardware devices in respective tasks and periodic-timer information of a concerned operating system itself;

a request receiving means for receiving a periodic-timer switching request; and

a periodic-timer switching/controlling means for controlling process execution of the request based on the periodic-timer information, and setting/changing a periodic-timer by comparing the periodic-timer information of a switched task with the periodic-timer information of the operating system itself when the task is switched.

Claim 12 (currently amended): A virtual computer system comprising:

an executing/controlling means for

executing/controlling at least one of operating systems set forth in ~~claims 1 to 11~~claim 1.

Claim 13 (currently amended): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing execution information containing an execution state[[s]] of each of a plurality of hardware devices in respective operating systems;

a request receiving means for receiving at least one ~~request~~ of a power-supply ON request and a power-supply OFF request to one or more of the hardware devices from one of the plurality of operating systems; and

a power-supply switching/controlling means for controlling process execution of the request based on the stored execution information, and not-performing the process execution of the ~~power-supply ON~~ request ~~or the power supply OFF request~~ when another operating system is using one or more of the hardware devices ~~if at least one operating system issues at least one of the power-supply ON request and the power-supply OFF request to at least one hardware device~~.

Claim 14 (currently amended): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing power-saving mode

information of each of a plurality of hardware devices in respective operating systems;

a request receiving means for receiving a power-saving mode switching request from one of the operating systems; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the stored power-saving mode information, and ~~setting~~waiting to set a power saving mode, according to the request, until the computer system ~~based on the power saving mode information of a switched operating system when the operating system~~ is switched to said one of the operating systems.

Claim 15 (original): A virtual computer system according to claim 14, wherein the power-saving mode switching/controlling means can set/change the power-saving mode based on the power-saving mode information during the execution of the operating system.

Claim 16 (original): A virtual computer system according to claim 14 or 15, further comprising a priority comparing means for comparing execution priorities of the operating systems or priorities of the power-saving mode information, and

wherein the power-saving mode switching/controlling means sets/changes the power-saving mode based on a

compared result of the priorities during the execution of the operating system.

Claim 17 (currently amended): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing power-saving mode information of each of a plurality of hardware devices in respective operating systems and for saving power-saving mode information of ~~a concerned~~the virtual computer ~~itself~~;

a request receiving means for receiving a power-saving mode switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the power-saving mode information, and setting/changing a power-saving mode by comparing the power-saving mode information of the operating system with the power-saving mode information of the virtual computer system ~~itself~~.

Claim 18 (currently amended): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing power-saving mode information of each of a plurality of hardware devices in respective operating systems and for saving power-saving mode information of ~~a concerned~~the virtual computer system ~~itself~~;

a request receiving means for receiving a power-saving mode switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the power-saving mode information, and setting/changing a power-saving mode by comparing the power-saving mode information of a switched operating system with the power-saving mode information of the virtual computer system ~~itself~~ when the operating system is switched.

Claim 19 (withdrawn): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing periodic-timer information of hardware devices in respective operating systems;

a request receiving means for receiving periodic-timer switching request; and

a periodic-timer switching/controlling means for controlling process execution of the request based on the periodic-timer information, and settng a periodic-timer based on the periodic-timer information of a switched when the operating system is switched.

Claim 20 (withdrawn): A virtual computer system according to claim 19, wherein the periodic-timer swtiching/controlling means can set/change the periodic-timer based on the periodic-timer information

during the execution of the operating system.

Claim 21 (withdrawn): A virtual computer system according to claim 19 or 20, further comprising a priority comparing means for comparing execution priorities of the operating systems or priorities of the periodic-timer information, and

wherein the periodic-timer switching/controlling means sets/changes the periodic-timer based on a compared result of the priorities during the execution of the operating system.

Claim 22 (withdrawn): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing periodic-timer information of hardware devices in respective operating systems and periodic-timer information of a concerned virtual computer system itself;

a request receiving means for receiving a periodic-timer switching request; and

a power-saving mode switching/controlling means for controlling process execution of the request based on the period-timer information, and setting/changing a periodic-timer by comparing the periodic-timer information of the operating system with the periodic-timer information of the virtual computer system itself.

Claim 23 (withdrawn): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storing means for storing periodic-timer information of hardware devices in respective operating systems and periodic-timer information of a concerned virtual computer system itself;

a request receiving means for receiving a periodic-timer switching request; and

a periodic-timer switching/controlling means for controlling process execution of the request based on the periodic-timer information, and setting/changing a periodic-timer by comparing the periodic-timer information of a switched operating system with the periodic-timer information of the virtual computer system itself when the operating system is switched.

Claim 24 (new): A virtual computer system for executing/controlling a plurality of operating systems, comprising:

a storage device for storing power-saving mode information about a hardware device with respect to each of said plurality of operating systems;

a request receiving means for receiving a power-saving mode switching request for the hardware device; and

a power-saving mode switching/controlling means for

controlling process execution of the request based on the stored power-saving mode information, wherein the device is not changed to a power-saving mode despite said request to do so if any of the stored power-saving mode information shows the device in use by any one or more of said plurality of operating systems.